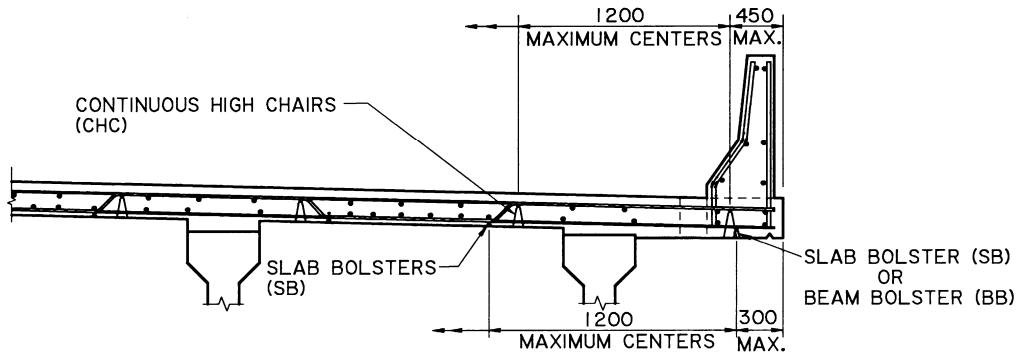
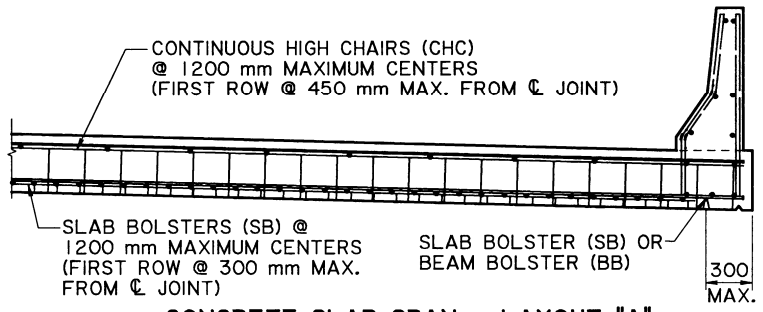
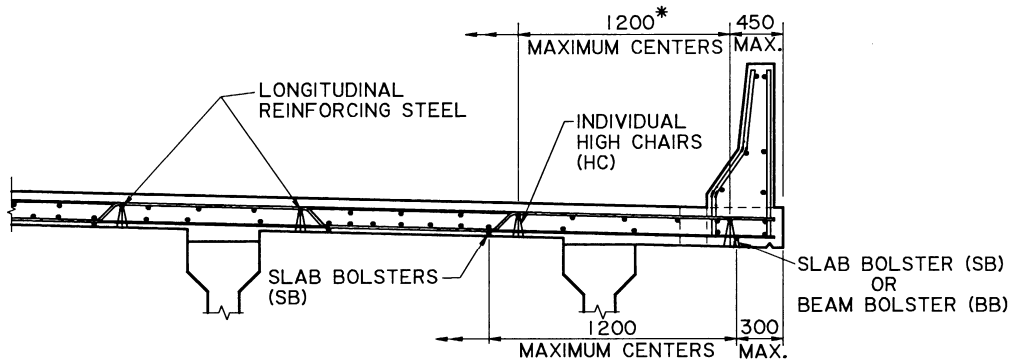


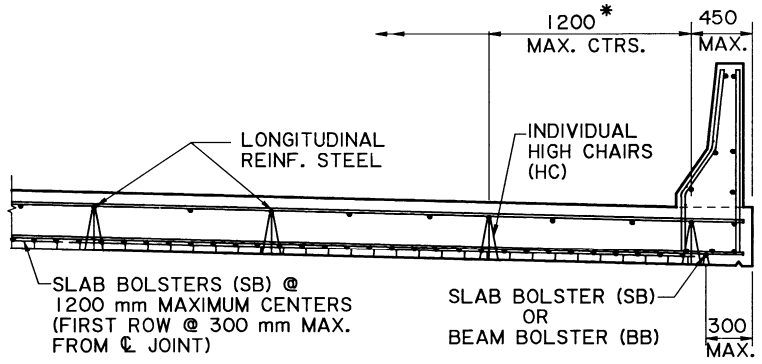
STEEL OR CONCRETE GIRDER SPAN - LAYOUT "A"



CONCRETE SLAB SPAN - LAYOUT "A"



STEEL OR CONCRETE GIRDER SPAN - LAYOUT "B"
(ALTERNATE)



CONCRETE SLAB SPAN - LAYOUT "B"
(ALTERNATE)

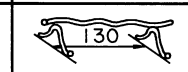
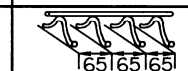
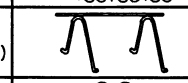
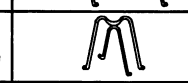
GENERAL NOTES:

STEEL WIRE BAR SUPPORTS AND REINFORCING STEEL BARS SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AS AMENDED BY THE SPECIAL PROVISIONS AND/OR SUPPLEMENTAL SPECIFICATIONS.

HEIGHT OF BAR SUPPORTS ARE TO BE THAT REQUIRED TO SUPPORT THE REINFORCING BARS AT POSITIONS SHOWN IN THE PLANS.
BAR SUPPORTS ARE NOT INTENDED, AND SHALL NOT BE USED, TO SUPPORT RUNWAYS FOR CONCRETE BUGGIES OR SIMILAR LOADS.

WHEN BAR SUPPORTS ARE PLACED IN CONTINUOUS LINES, THEY SHALL BE SO PLACED THAT THE ENDS OF THE SUPPORTING WIRES SHALL BE LAPPED TO LOCK THE LAST LEGS ON ADJOINING PIECES, BUT NO BAR SHALL BE PLACED MORE THAN 50 mm BEYOND THE LAST LEG AT THE END OF A RUN OF ANY CONTINUOUS SUPPORTS.

WHERE BAR SUPPORTS ARE USED ON EARTH OR AGGREGATE SUB GRADES, SUITABLE PLATES SHALL BE PROVIDED TO PREVENT DISPLACEMENT OF THE SUPPORT FOOT. ALL BAR SUPPORTS BEARING ON THE FORMS SHALL HAVE RADIUS BEARING LEGS IN THE FORM OF A HOOK (UPTURNED LEGS) OR SPHERICAL FOOT AT THE LOWER END OF THE LEGS.

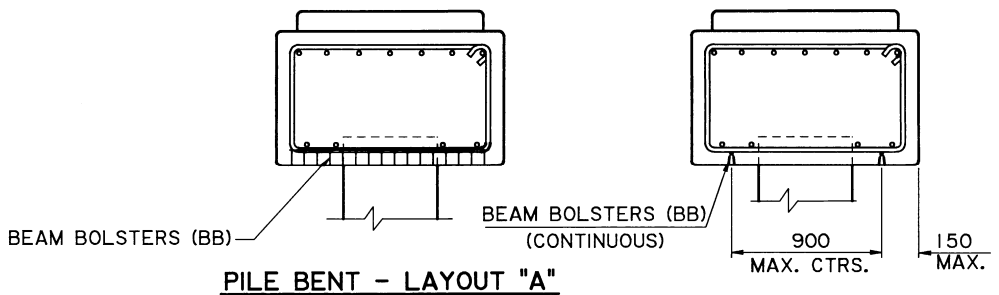
TYPE OF SUPPORT	BAR SUPPORT ILLUSTRATION	MINIMUM WIRE DIAMETER (mm)			REMARKS
		HEIGHT	TOP	LEGS	
SLAB BOLSTER (SB)		20 TO 75	5.7	4.8	VERTICAL CORRUGATIONS SPACED ON CENTERS
BEAM BOLSTER (BB)		UP TO 50 OVER 50	4.5 5.7	4.5 5.7	
⊡ CONTINUOUS HIGH CHAIR (CHC)		50 TO 125 125 TO 230 OVER 230	6.7 6.7 6.7	5.7 6.7 7.8	LAYOUT "A" FOR SPANS
❶ INDIVIDUAL HIGH CHAIR (HC)		50 TO 125 125 TO 230 OVER 230	N/A N/A N/A	5.7 6.7 7.8	LAYOUT "B" FOR SPANS (ALTERNATE)

❶ LEGS SHALL BE 20 DEGREES OR LESS WITH VERTICAL WHEN HEIGHT EXCEEDS 300 mm. REINFORCE LEGS WITH WELDED CROSS WIRES OR ENCIRCLING WIRES.

⊡ LEGS SHALL BE 20 DEGREES OR LESS WITH VERTICAL, ON 210 mm CENTER MAXIMUM, WITHIN 102 mm OF END CHAIR, AND SPREAD BETWEEN LEGS NOT LESS THAN 50% OF NORMAL HEIGHT.

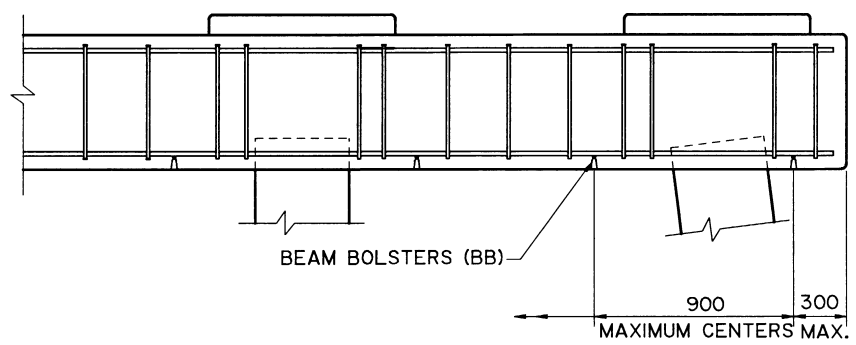
* IF LONGITUDINAL REINFORCING BARS ARE NO. 10, SPACE THE INDIVIDUAL HIGH CHAIRS (HC) @ 900 mm MAXIMUM CENTERS LONGITUDINALLY; FOR NO. 15 BARS OR LARGER, SPACE @ 1200 mm MAXIMUM CENTERS.

DETAILS THIS SHEET NOT TO SCALE

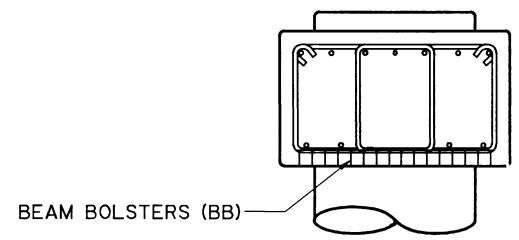


PILE BENT - LAYOUT "A"

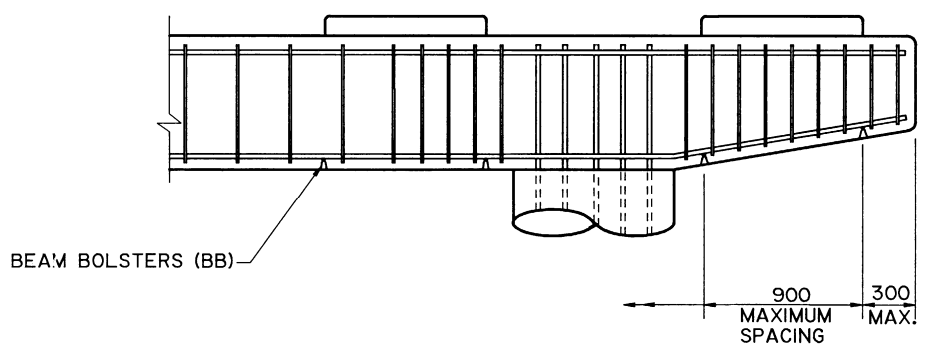
PILE BENT - LAYOUT "B"
(ALTERNATE)



PILE BENT - LAYOUT "A"



COLUMN BENT



COLUMN BENT

SHEET NUMBER

PARISH | FEDERAL PROJECT | STATE PROJECT

STEEL WIRE BAR SUPPORTS
FOR REINFORCING STEEL

STANDARD SLAB | SWBS-100(M)

BRIDGE AND STRUCTURAL DESIGN

DESIGNED | R. TRAUTH
CHECKED | A. ALLEN
DETAILED | 10/1/97
CHECKED | DATE
SHEET

REVISION DESCRIPTION | BY | APPROVED

APPROVED: CHIEF ENGINEER Original Signed By Chief Engineer

DATE: 12-9-97 DATE